



IFW

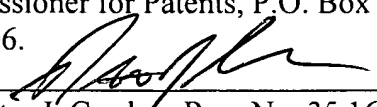
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/700,285 Confirmation No.: 4512  
Applicant: Katherine H. Cornog *et al.*  
Filed: November 3, 2003  
For: INTERPOLATION OF A SEQUENCE OF IMAGES USING  
MOTION ANALYSIS

Art Unit: 2625  
Examiner: Yon Jung Couso  
Docket No.: A2000022D  
Customer No.: 26643

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 21, 2006.

  
Peter J. Gordon, Reg. No. 35,164

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

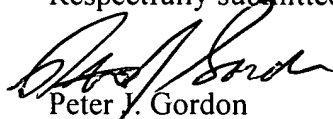
TRANSMITTAL LETTER

Transmitted herewith for filing in the above patent application is a Transmittal Of Information Disclosure Statement, PTO Form SB-08A/B, and copies of references cited.

Please charge **Deposit Account No. 50-0876** in the amount of **\$180.00** IDS fee. The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to said Deposit Account.

Dated: April 21, 2006

Respectfully submitted,



Peter J. Gordon  
Registration No. 35,164  
Attorney for Applicant  
Avid Technology, Inc.  
One Park West  
Tewksbury, Massachusetts 01876  
Tel. 978.640.6789



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

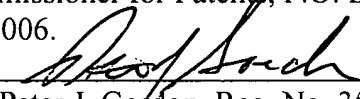
Appl. No.: 10/700,285 Confirmation No.: 4512  
Applicant: Katherine H. Cornog *et al.*  
Filed: November 3, 2003  
For: INTERPOLATION OF A SEQUENCE OF IMAGES USING  
MOTION ANALYSIS

Art Unit: 2625  
Examiner: Yon Jung Couso  
Docket No.: A2000022D  
Customer No.: 26643

---

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 21, 2006.

  
Peter J. Gordon, Reg. No. 35,164

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING DATE OF EITHER A FINAL ACTION  
OR NOTICE OF ALLOWANCE (37 CFR § 1.97 (c))**

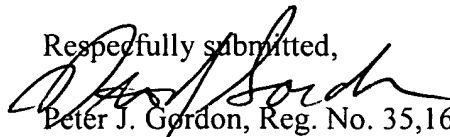
Transmitted herewith for filing in the above-entitled patent application is a PTO Form SB-08A/B and copies of references cited. The information disclosure statement is being filed *before* the mailing of either a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first. Applicant requests consideration of the document.

Applicant submits the fee set forth in § 1.17(p). Please charge **Deposit Account No. 50-0876** the amount of **\$180.00** fee. The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to said Deposit Account.

Dated: April 21, 2006

04/26/2006 EAREGAY1 00000024 500876 10700285  
01 FC:1806 180.00 DA

Respectfully submitted,

  
Peter J. Gordon, Reg. No. 35,164  
Attorney for Applicant  
Avid Technology, Inc.  
One Park West  
Tewksbury, Massachusetts 01876  
Tel. 978.640.6789



FORM PTO-SB/08A/B  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO: A2000022D	SERIAL NO.: 10/700,285
	APPLICANT: Katherine H. Cornog <i>et al.</i>	
	FILING DATE: 11/03/2003	GROUP: 2625

### U.S. PATENT DOCUMENTS

Exam Init.	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate

### FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)	Applicant (71)	Class	Sub Class	Translation Yes      No

### OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publications, Etc.)

			Agrawala, Maneesh, et al., "Model-Based Motion Estimation for Synthetic Animations", ACM Multimedia 95 Electroni Proceedings, Nov. 5-9, 1995, pp. 1-25.*
			Barron, J.L., et al., "Performance of Optical Flow Techniques", IJCV 12:1, 1994, pp. 1-60.*
			Beauchemin, S.S., et al., "The Computation of Optical Flow", ACM Computing Surveys, vol. 27, No. 3, Sept. 1995, pp. 433-467.*
			Bergen, James R., et al., "Hierarchical Model-Based Motion Estimation", Proc. Euro. Conf. on Comp. Vision, Springer-Verlag, 1992, pp. 237-252.*
			Bergen, James R., et al., "Hierarchical Motion-Based Frame Rate Conversion", David Sarnoff Research Center, Princeton, NJ, April 1990, pp. 1-15.*
			Buxton, B.F., et al., "Computation of optic flow from the motion of edge features in image sequences", Image and Vision Computing, vol. 2, no. 2, May 1984, pp. 59-75.*
			Chen, Shenchang Eric., et al., "View Interpolation for Image Synthesis", Proc. SIGGRAPH 1993, pp. 279-288.*
			Ezzat, Tony et al., "Visual Speech Synthesis by Morphing Visemes", Massachusetts Institute Of Technology, A.I. Memo No. 1658, CBCL Paper No. 173, May 1999, pp. 1-12.*
			Flomo Data Sheet, Time-warping software, Aug. 2000, 2 pages.*
			Gomes et al., "Time Warping of Audio Signals", in Proc. Comp. Graph. International (CGI 99), July 1999, pp. 52-57.*

\*References were cited in prior application, U.S. Patent No. 6,665,450.

## OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publications, Etc.)

[illegible]

\*References cited in prior application, U.S. Patent No. 6,665,450.